

5. Specifications

5.1 RXYQ-AATJA, RXYQ-AATJB

Model name		RXYQ72AATJA		RXYQ96AATJA		
Power supply		3 phase, 208/230 V, 60 Hz		3 phase, 208/230 V, 60 Hz		
★1 Cooling capacity	Nominal	Btu/h (kW)	72,000 (21.1)	96,000 (28.1)		
	Rated		69,000 (20.2)	92,000 (27.0)		
★2 Heating capacity	Nominal	Btu/h (kW)	81,000 (23.7)	108,000 (31.7)		
	Rated		77,000 (22.6)	103,000 (30.2)		
Casing color		Ivory white (5Y7.5/1)		Ivory white (5Y7.5/1)		
Dimensions: (H × W × D)		in. (mm)	65-3/8 × 36-5/8 × 30-1/8 (1,660 × 930 × 765)	65-3/8 × 48-13/16 × 30-1/8 (1,660 × 1,240 × 765)		
Heat exchanger		Cross fin coil		Cross fin coil		
Compressor	Type		Hermetically sealed scroll type		Hermetically sealed scroll type	
	Volume	m ³ /h	14.8		9.1 + 10.3	
	Number of revolutions	r/min	4,356		4,278 + 4,848	
	Motor output × Number of units	kW	4.54 × 1		(2.61 + 2.96) × 1	
	Starting method		Soft start		Soft start	
Fan	Type		Propeller fan		Propeller fan	
	Motor output × Number of units	kW	0.95 × 1		0.65 × 2	
	Airflow rate	cfm (m ³ /min)	6,210 (175.8)		8,965 (253.9)	
	Drive		Direct drive		Direct drive	
Connecting pipes	Liquid pipe	in. (mm)	ϕ 3/8 (9.5) C1220T (brazing connection)		ϕ 3/8 (9.5) C1220T (brazing connection)	
	Gas pipe	in. (mm)	ϕ 3/4 (19.1) C1220T (brazing connection)		ϕ 7/8 (22.2) C1220T (brazing connection)	
Weight		lbs (kg)	496 (225)		683 (310)	
Sound pressure level (Reference data)		dB(A)	58		61	
Sound power level (Reference data)		dB	80		82	
Safety devices		High pressure switch, Fan driver overload protector, Overcurrent fuse, Inverter overload protector, Leak detecting device		High pressure switch, Fan driver overload protector, Overcurrent fuse, Inverter overload protector, Leak detecting device		
Defrost method		Deicer		Deicer		
Capacity control		%	8-100		4-100	
Refrigerant	Refrigerant name		R-410A		R-410A	
	Charge	lbs (kg)	15.2 (6.9)		24.9 (11.3)	
	Control		Electronic expansion valve		Electronic expansion valve	
Standard accessories		Installation manual, Operation manual, Connection pipes, Clamps		Installation manual, Operation manual, Connection pipes, Clamps		
Drawing No.		4D144721		4D144721		

Notes:

- ★1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Rated capacity is certified under AHRI standard 1230.
- ★2. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 47°FDB (8.3°CDB), 43°FWB (6.1°CWB) / Rated capacity is certified under AHRI standard 1230.